

01-18-01

01/16/01

Type a plus sign (+) inside this box

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

LOCK1880

First Inventor or Application Identifier

Ronald P. Schmidt

Title

System and Method of Forming Structural Assemblies with 3-D Woven Joint Pre-Forms

Express Mail Label No.

EL781633279US**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
**Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231**

1. Fee Transmittal for FY 2000
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages] **20**
 - Descriptive Title of the Invention
 - Technical Field of the Invention
 - Statement Regarding Fed sponsored R & D
 - Background of the Invention
 - Summary of the Invention
 - Brief Description of the Drawings
 - Brief Description of the Drawings
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) [Total Sheets] **8**
4. Oath or Declaration [Total Pages] **2**
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference (*useable if box 4b is checked*). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment
 Continuation Divisional Continuation-In-Part (CIP) of prior Application No.:

Prior application information: Examiner _____

Group / Art Unit _____

 Claims the benefit of Provisional Application No. _____
CORRESPONDENCE ADDRESS

Customer ID No. 25094
 Gray Cary Ware & Freidenrich LLP
 100 Congress Avenue, Suite 1440
 Austin, Texas 78701-4042
 (512) 457-7029 phone (512) 457-7070 fax


25094
 PATENT TRADEMARK OFFICE
TYPED or PRINTED NAME Robert A. McLauchlan

REGISTRATION NO. 44,924

SIGNATURE RCDate 16 JAN 2001

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid.

TOTAL AMOUNT OF PAYMENT	(\$) 966.00	Attorney Docket No.	LOCK1880
--------------------------------	--------------------	----------------------------	-----------------

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																																																																				
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 50-0456</p> <p>Deposit Account Name Gray Cary Ware & Freidenrich LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> </tr> <tr> <th>Code</th> <th>\$</th> <th>Code</th> <th>\$</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surchrg – late filing fee or oath</td><td><input type="checkbox"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td><input type="checkbox"/></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>Filing a request for reexamination</td><td><input type="checkbox"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Request publication of SIR prior to Examiner action</td><td><input type="checkbox"/></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Request publication of SIR prior to Examiner action</td><td><input type="checkbox"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><input type="checkbox"/></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td><input type="checkbox"/></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td><input type="checkbox"/></td></tr> <tr><td>118</td><td>1360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td><input type="checkbox"/></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td><input type="checkbox"/></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of appeal</td><td><input type="checkbox"/></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td><input type="checkbox"/></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td><input type="checkbox"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive: unavoidable</td><td><input type="checkbox"/></td></tr> <tr><td>141</td><td>1210</td><td>241</td><td>605</td><td>Petition to revive: unintentional</td><td><input type="checkbox"/></td></tr> <tr><td>142</td><td>1210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td><input type="checkbox"/></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td><input type="checkbox"/></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td><input type="checkbox"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="checkbox"/></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td><input type="checkbox"/></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td><input type="checkbox"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property</td><td><input type="checkbox"/></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="checkbox"/></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>Each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="checkbox"/></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="2"></td><td colspan="2"><input type="checkbox"/></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="2"></td><td colspan="2"><input type="checkbox"/></td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3)</td> <td colspan="2">(\$) 40.00</td> </tr> </tbody> </table>				Large Entity	Small Entity		Code	\$	Code	\$	Fee Description	Fee Paid	105	130	205	65	Surchrg – late filing fee or oath	<input type="checkbox"/>	127	50	227	25	Surcharge – late provisional filing fee or cover sheet	<input type="checkbox"/>	147	2520	147	2520	Filing a request for reexamination	<input type="checkbox"/>	112	920*	112	920*	Request publication of SIR prior to Examiner action	<input type="checkbox"/>	113	1840*	113	1840*	Request publication of SIR prior to Examiner action	<input type="checkbox"/>	115	110	215	55	Extension for reply within first month	<input type="checkbox"/>	116	380	216	190	Extension for reply within second month	<input type="checkbox"/>	117	870	217	435	Extension for reply within third month	<input type="checkbox"/>	118	1360	218	680	Extension for reply within fourth month	<input type="checkbox"/>	119	300	219	150	Notice of Appeal	<input type="checkbox"/>	120	300	220	150	Filing a brief in support of appeal	<input type="checkbox"/>	121	260	221	130	Request for oral hearing	<input type="checkbox"/>	138	1510	138	1510	Petition to institute a public use proceeding	<input type="checkbox"/>	140	110	240	55	Petition to revive: unavoidable	<input type="checkbox"/>	141	1210	241	605	Petition to revive: unintentional	<input type="checkbox"/>	142	1210	242	605	Utility issue fee (or reissue)	<input type="checkbox"/>	143	430	243	215	Design issue fee	<input type="checkbox"/>	144	580	244	290	Plant issue fee	<input type="checkbox"/>	122	130	122	130	Petitions to the Commissioner	<input type="checkbox"/>	123	50	123	50	Petitions related to provisional applications	<input type="checkbox"/>	126	240	126	240	Submission of Information Disclosure Statement	<input type="checkbox"/>	581	40	581	40	Recording each patent assignment per property	<input type="checkbox"/>	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="checkbox"/>	149	690	249	345	Each additional invention to be examined (37 CFR § 1.129(b))	<input type="checkbox"/>	Other fee (specify) _____						<input type="checkbox"/>		Other fee (specify) _____						<input type="checkbox"/>		*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$) 40.00	
Large Entity	Small Entity																																																																																																																																																																																							
Code	\$	Code	\$	Fee Description	Fee Paid																																																																																																																																																																																			
105	130	205	65	Surchrg – late filing fee or oath	<input type="checkbox"/>																																																																																																																																																																																			
127	50	227	25	Surcharge – late provisional filing fee or cover sheet	<input type="checkbox"/>																																																																																																																																																																																			
147	2520	147	2520	Filing a request for reexamination	<input type="checkbox"/>																																																																																																																																																																																			
112	920*	112	920*	Request publication of SIR prior to Examiner action	<input type="checkbox"/>																																																																																																																																																																																			
113	1840*	113	1840*	Request publication of SIR prior to Examiner action	<input type="checkbox"/>																																																																																																																																																																																			
115	110	215	55	Extension for reply within first month	<input type="checkbox"/>																																																																																																																																																																																			
116	380	216	190	Extension for reply within second month	<input type="checkbox"/>																																																																																																																																																																																			
117	870	217	435	Extension for reply within third month	<input type="checkbox"/>																																																																																																																																																																																			
118	1360	218	680	Extension for reply within fourth month	<input type="checkbox"/>																																																																																																																																																																																			
119	300	219	150	Notice of Appeal	<input type="checkbox"/>																																																																																																																																																																																			
120	300	220	150	Filing a brief in support of appeal	<input type="checkbox"/>																																																																																																																																																																																			
121	260	221	130	Request for oral hearing	<input type="checkbox"/>																																																																																																																																																																																			
138	1510	138	1510	Petition to institute a public use proceeding	<input type="checkbox"/>																																																																																																																																																																																			
140	110	240	55	Petition to revive: unavoidable	<input type="checkbox"/>																																																																																																																																																																																			
141	1210	241	605	Petition to revive: unintentional	<input type="checkbox"/>																																																																																																																																																																																			
142	1210	242	605	Utility issue fee (or reissue)	<input type="checkbox"/>																																																																																																																																																																																			
143	430	243	215	Design issue fee	<input type="checkbox"/>																																																																																																																																																																																			
144	580	244	290	Plant issue fee	<input type="checkbox"/>																																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner	<input type="checkbox"/>																																																																																																																																																																																			
123	50	123	50	Petitions related to provisional applications	<input type="checkbox"/>																																																																																																																																																																																			
126	240	126	240	Submission of Information Disclosure Statement	<input type="checkbox"/>																																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property	<input type="checkbox"/>																																																																																																																																																																																			
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="checkbox"/>																																																																																																																																																																																			
149	690	249	345	Each additional invention to be examined (37 CFR § 1.129(b))	<input type="checkbox"/>																																																																																																																																																																																			
Other fee (specify) _____						<input type="checkbox"/>																																																																																																																																																																																		
Other fee (specify) _____						<input type="checkbox"/>																																																																																																																																																																																		
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$) 40.00																																																																																																																																																																																		
SUBMITTED BY CUSTOMER NO. 25094:				Complete (if applicable)																																																																																																																																																																																				
Name	Robert A. McLauchlan		Registration No.	44,924	Telephone	(512) 457-7029																																																																																																																																																																																		
Signature			Date	16 Jan 2001	January 16, 2001																																																																																																																																																																																			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Atty Docket No. (Optional)
LOCK1880

Attn: Box Patent Application
Hon. Asst. Commissioner of Patents
Washington, D.C. 20231

In the Application of:

Ronald P. Schmidt

Date Filed:

January 16, 2001

Title:

System and Method of Forming Structural
Assemblies with 3-D Woven Joint Pre-Forms

JC986 U.S. PRO
09/161301

Sir:

I hereby certify that the attached Fee Transmittal, Utility Patent Application Transmittal, Non-Publication Request, Patent Application, Declaration and Power of Attorney, Informal Drawings, Assignment, Recordation Cover Sheet, check in the amount of \$926.00 representing the filing fee for a large entity, check in the amount of \$40.00 representing the recordation filing fee for the Assignment, and postcard are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL781633279US, on January 16, 2001, addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Respectfully submitted,

Gray Cary Ware ▲ Freidenrich LLP

Janice Pampell
Janice Pampell

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)		First Named Inventor	Ronald P. Schmidt
		Title	System and Method of Forming Structural Assemblies with 3-D Woven Joint Pre-Forms
		Atty. Docket:	LOCK1880

JC 086 U.S.P.T.O.
 09/76131
 01/16/01



I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1-160-01

Date



Robert A. McLauchlan
Reg. No. 44,924

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 C.F.R. 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.